

**UTILITY
PATENT APPLICATION
TRANSMISSION**

Our Docket No.:
A-70884-1/AJT (465403-41)

Date: November 5, 2003

First Named Inventor: Peter C. Salmon

Title: ELECTRONIC SYSTEM MODULES AND METHOD OF
FABRICATION

Express Mail No.: EV 182098488 US

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

USPTO
10/702
03917
110503

APPLICATION ELEMENTS

1. Fee Calculation Sheet
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status

3. Specification Total Pages: 33

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed. Sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings
- Detailed Description
- Claims
- Abstract of the Disclosure

4. Formal Drawings (35 U.S.C. 113) Total Sheets: 19

5. Oath or Declaration Total Pages: 3

- a. Newly Executed (original or copy)
- b. Copy from a prior application (37 C.F.R. 1.63(d)) (for continuation/divisional with Box 19 completed)
 - 1. **DELETION OF INVENTORS**
Signed statement attached deleting inventor(s) named in the prior application (37 C.F.R. 1.63(d)(2) and 1.33(b))

6. Application Data Sheet (37.C.F.R. 1.76)

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)

- a. Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
- c. Statement verifying identify of above copies

9. Certification Under 35 U.S.C. 122(b)(2)(B)(i)

10. Assignment Papers (cover sheet & document(s))

11. 37 C.F.R. 3.73(b) Submission

12. Power of Attorney (signed)

13. English Translation Document (if applicable)

14. Information Disclosure Statement
(with Copies of Citations as necessary)

15. Preliminary Amendment Total Pages:

16. Return Receipt Postcard
(Should be specifically itemized)

17. Certified Copy of Priority document(s)
(if foreign priority is claimed)

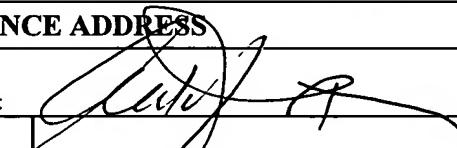
18. Other:

ACCOMPANYING APPLICATION PARTS

19. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:
 Continuation Division Continuation-in-part (CIP) of prior Application No.: 10/237,640 filed 09/06/2002, which claims priority to Provisional Application Serial No. 60/318,271 filed 09/07/2001.

For continuation or divisional applications: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference

CORRESPONDENCE ADDRESS

| | | | |
|-----------|---|---|-----------------------|
| ATTY NAME | Aldo J. Test Reg. No. 18,048 | SIGNATURE:  | DATE November 5, 2003 |
| ADDRESS | DORSEY & WHITNEY LLP Four Embarcadero Center Suite 3400 San Francisco, California 94111-4187 | | |
| TELEPHONE | (650)494-8700 | | |
| FAX | (650)494-8771 | | |

Customer Number: 32940

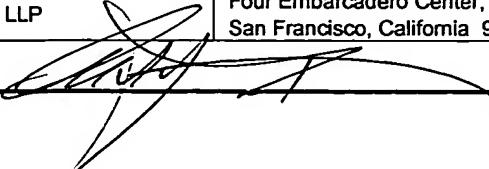
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U.S. PTO

APPLICATION FEE TRANSMITTAL SHEET (FY 2004)

| Complete if Known | |
|----------------------|-----------------------|
| Application No. | New |
| Filing Date | Herewith |
| First Named Inventor | Peter C. Salmon |
| Group Art Unit | |
| Examiner Name | |
| Atty. Docket Number | A-70884-1 (465403-41) |

| METHOD OF PAYMENT (Check One) | | | FEE CALCULATION (Continued) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account No.: 50-2319 Deposit Account Name: DORSEY & WHITNEY LLP</p> <p><input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17 <input checked="" type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)</p> <p>2. <input checked="" type="checkbox"/> Check Enclosed</p> | | | <p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Large Entity Fee</th> <th style="text-align: center;">Small Entity Fee</th> <th style="text-align: center;">Fee Description</th> <th style="text-align: center;">Fee paid</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">50</td> <td style="text-align: center;">25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td style="text-align: center;">130</td> <td style="text-align: center;">65</td> <td>Surcharge - Late nonprovisional filing fee or oath</td> <td></td> </tr> <tr> <td style="text-align: center;">180</td> <td style="text-align: center;">180</td> <td>Submission of IDS</td> <td></td> </tr> <tr> <td style="text-align: center;">40</td> <td style="text-align: center;">40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td style="text-align: center;">110</td> <td style="text-align: center;">55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td style="text-align: center;">420</td> <td style="text-align: center;">210</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td style="text-align: center;">950</td> <td style="text-align: center;">475</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td style="text-align: center;">1,480</td> <td style="text-align: center;">740</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td style="text-align: center;">2010</td> <td style="text-align: center;">1005</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td style="text-align: center;">770</td> <td style="text-align: center;">385</td> <td>Submission After Final 1.129</td> <td></td> </tr> <tr> <td style="text-align: center;">330</td> <td style="text-align: center;">165</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td style="text-align: center;">330</td> <td style="text-align: center;">165</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td style="text-align: center;">290</td> <td style="text-align: center;">145</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td style="text-align: center;">110</td> <td style="text-align: center;">55</td> <td>Terminal Disclaimer Fee</td> <td></td> </tr> <tr> <td style="text-align: center;">130</td> <td style="text-align: center;">130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td style="text-align: center;">50</td> <td style="text-align: center;">50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td style="text-align: center;">1,330</td> <td style="text-align: center;">665</td> <td>Utility/Reissue Issue Fee (including advance copies)</td> <td></td> </tr> <tr> <td style="text-align: center;">480</td> <td style="text-align: center;">240</td> <td>Design Issue Fee (inc. advance copies)</td> <td></td> </tr> <tr> <td style="text-align: center;">770</td> <td style="text-align: center;">385</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td style="text-align: center;">300</td> <td style="text-align: center;">300</td> <td>Publication fee for early, voluntary, or normal publication</td> <td></td> </tr> <tr> <td style="text-align: center;">300</td> <td style="text-align: center;">300</td> <td>Publication fee for re-publication</td> <td></td> </tr> <tr> <td style="text-align: center;">110</td> <td style="text-align: center;">55</td> <td>Petition to Revive - unavoidable</td> <td></td> </tr> <tr> <td style="text-align: center;">1,330</td> <td style="text-align: center;">665</td> <td>Petition to Revive - unintentional</td> <td></td> </tr> <tr> <td colspan="6" style="text-align: center;">OTHER FEE (specify):</td> </tr> <tr> <td colspan="6" style="text-align: center;">Subtotal (3)</td> </tr> <tr> <td colspan="6" style="text-align: right;">Total Amount of Payment: 1488.00</td> </tr> </tbody> </table> | | | Large Entity Fee | Small Entity Fee | Fee Description | Fee paid | 50 | 25 | Surcharge - late provisional filing fee or cover sheet | | 130 | 65 | Surcharge - Late nonprovisional filing fee or oath | | 180 | 180 | Submission of IDS | | 40 | 40 | Recording each patent assignment per property (times number of properties) | | 110 | 55 | Extension for reply within first month | | 420 | 210 | Extension for reply within second month | | 950 | 475 | Extension for reply within third month | | 1,480 | 740 | Extension for reply within fourth month | | 2010 | 1005 | Extension for reply within fifth month | | 770 | 385 | Submission After Final 1.129 | | 330 | 165 | Notice of Appeal | | 330 | 165 | Filing a brief in support of an appeal | | 290 | 145 | Request for oral hearing | | 110 | 55 | Terminal Disclaimer Fee | | 130 | 130 | Petitions to the Commissioner | | 50 | 50 | Petitions related to provisional applications | | 1,330 | 665 | Utility/Reissue Issue Fee (including advance copies) | | 480 | 240 | Design Issue Fee (inc. advance copies) | | 770 | 385 | Request for Continued Examination (RCE) | | 300 | 300 | Publication fee for early, voluntary, or normal publication | | 300 | 300 | Publication fee for re-publication | | 110 | 55 | Petition to Revive - 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| Large Entity Fee | Small Entity Fee | Fee Description | Fee paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 25 | Surcharge - late provisional filing fee or cover sheet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 130 | 65 | Surcharge - Late nonprovisional filing fee or oath | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 180 | 180 | Submission of IDS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 40 | Recording each patent assignment per property (times number of properties) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | 55 | Extension for reply within first month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 420 | 210 | Extension for reply within second month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 950 | 475 | Extension for reply within third month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,480 | 740 | Extension for reply within fourth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2010 | 1005 | Extension for reply within fifth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 770 | 385 | Submission After Final 1.129 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 330 | 165 | Notice of Appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 330 | 165 | Filing a brief in support of an appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 290 | 145 | Request for oral hearing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | 55 | Terminal Disclaimer Fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 130 | 130 | Petitions to the Commissioner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 50 | Petitions related to provisional applications | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,330 | 665 | Utility/Reissue Issue Fee (including advance copies) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 480 | 240 | Design Issue Fee (inc. advance copies) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 770 | 385 | Request for Continued Examination (RCE) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 300 | 300 | Publication fee for early, voluntary, or normal publication | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 300 | 300 | Publication fee for re-publication | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | 55 | Petition to Revive - unavoidable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,330 | 665 | Petition to Revive - unintentional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OTHER FEE (specify): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subtotal (3) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Amount of Payment: 1488.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 160 | 80 | <input type="checkbox"/> Provisional Filing Fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 770 | 385 | <input checked="" type="checkbox"/> Utility Filing Fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 340 | 170 | <input type="checkbox"/> Design Filing Fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Subtotal (1) \$385.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Multiple Dependent Claims | | | x 145 | = 145.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 18 | 9 | Claims in excess of 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | 43 | Independent claims in excess of 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 290 | 145 | Multiple dependent Claim | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | 42 | Reissue independent claims over original patent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Submitted by:

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